

\_\_\_\_\_

Page 1

**Accept**

[REDACTED]

**Setup Start**

**Stop**

[illegible]**Cust Item ID:**

[REDACTED]

**Customer:**

Run Start

Date: 11-09-21

**Tooling:**

**Date:**

**Stop**

**Date:**

**SPC (Y/N):**

Date:

|                 |                     |  |
|-----------------|---------------------|--|
| <b>Draw Nbr</b> | <b>Revision Nbr</b> |  |
| D4088           | A                   |  |

0.00

[illegible]

Purchasing

## Memo

0.00

## Purchasing

Issue P/O:

Manufacture D4088-043 as per Dwg D4088

Supplier:AMSAFE INC.

Certificate of conformity is required

Receive & Inspect for Damage & Mat'l Certs

0.00

\_\_\_\_\_

### Packaging

## Memo

0.00

## Packaging

QC6- Inspect dimensions to drawing

0.00

[illegible]

QC

## Memo

0.00

## Quality Control

ensure buckle engages and dis-engages correctly for every unit.

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

**Work Order ID 74090**

Wednesday, September 21, 2011 11:15:13 A

Page 2

Item ID: D4088-043

Accept

Revision ID:

Item Name: Shoulder Harness

Start Date: 9/22/2011 Start Qty: 8.00

Required Date: 10/14/2011 Req'd Qty: 8.00

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run

Start

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location: ST 267 0.00

Packaging

Memo

0.00

Packaging

SP 11-10-5

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

11/10/6

MF

11-10-6

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# Picklist Print

Wednesday, September 21, 2011 11:15:10 AM

Page 1

Work Order ID: 74090



Parent Item: D4088-043



Parent Item Name: Shoulder Harness

Start Date: 9/22/2011

Required Date: 10/14/2011

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP REV:A NEW ISSUE DD 10.04.29 VERIFIED:EC

| Component Item ID/<br>Item Name         | Replacement<br>Item ID | Mfg/<br>Purch | Bin<br>Item | Primary<br>Location | Last<br>Location | Route<br>Seq ID | Unit of<br>Measure | Qty on<br>Hand | Qty per Kit | Total<br>Qty | Qty<br>Issued | Date<br>Issued | Status |
|---|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
| 3221-1-021-2396<br><br>Shoulder Harness |                        | Purchased     | No          |                     |                  | 110             | Each               | 0.0000         | 1           | 8            |               | 9/14/10/3 (8)  |        |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

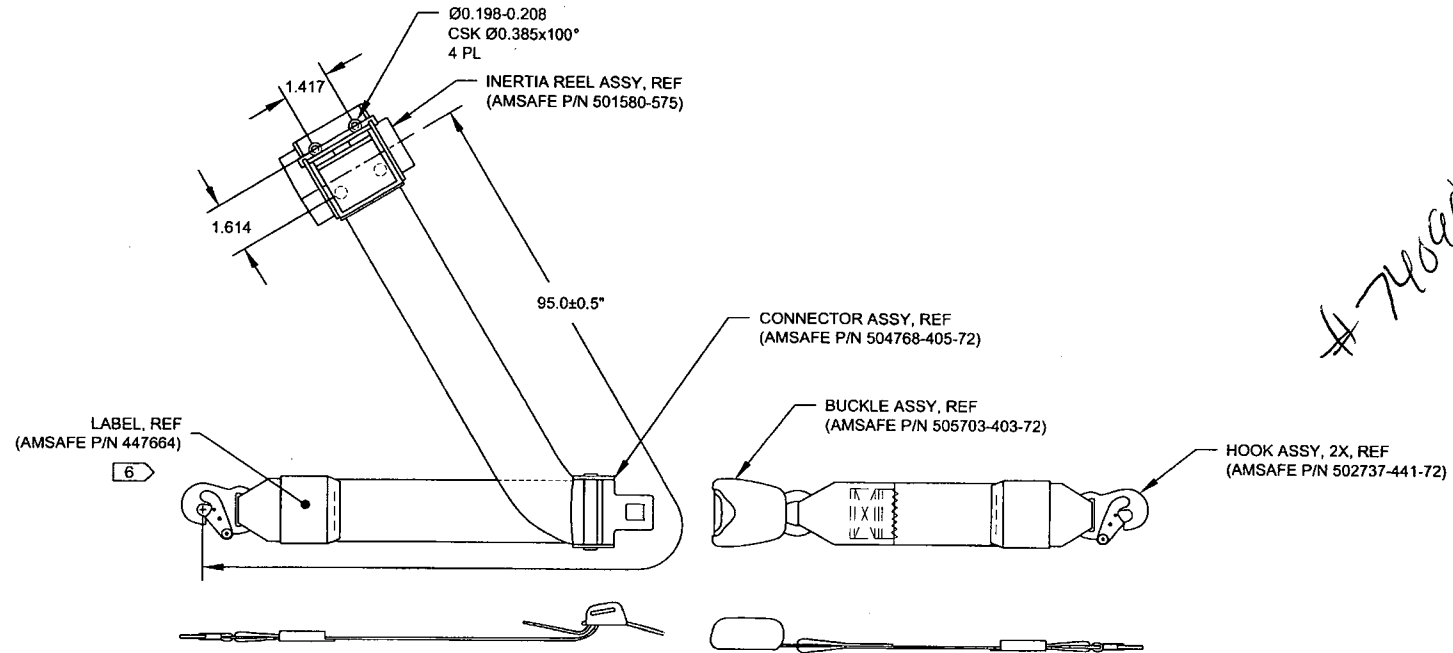
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries

# SPECIFICATION CONTROL DRAWING



## D4088-041 SHOUDLER HARNESS

RELEASED  
2010-04-27

### NOTES:

- 1) PURCHASE: AMSAFE INC. P/N 3221-1-011-2396  
3-POINT SHOULDER HARNESS WITH PUSH-BUTTON BUCKLE  
MEETS REQUIREMENTS OF TSO-C114  
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: LABEL TO CONTAIN THE FOLLOWING AT MINIMUM:  
PART NO. 3221-1-011-2396  
CUST P/N: D4088-041  
RATED: 3000 LBS DATE OF MFG  
CONFORMS TO TSO-C114
- 7) WEIGHT: 1.5 lbs

| A          | NEW ISSUE   | CP   | 10.03.16     |
|------------|-------------|--|--------------|
| REV.       | DESCRIPTION | BY   | DATE         |
| DESIGN     | 99          | DART AEROSPACE LTD<br>HAWKESBURY, ONTARIO, CANADA  |              |
| DRAWN      | 99          |  |              |
| CHECKED    |             | DRAWING NO.  | REV. A       |
| MFG. APPR. |             | D4088  | SHEET 1 OF 2 |
| APPROVED   |             | TITLE  | SCALE        |
| DE APPR.   |             | SHOULDER HARNESS   | NTS          |
| DATE       | 10.03.16    | COPYRIGHT © 2010 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. |              |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

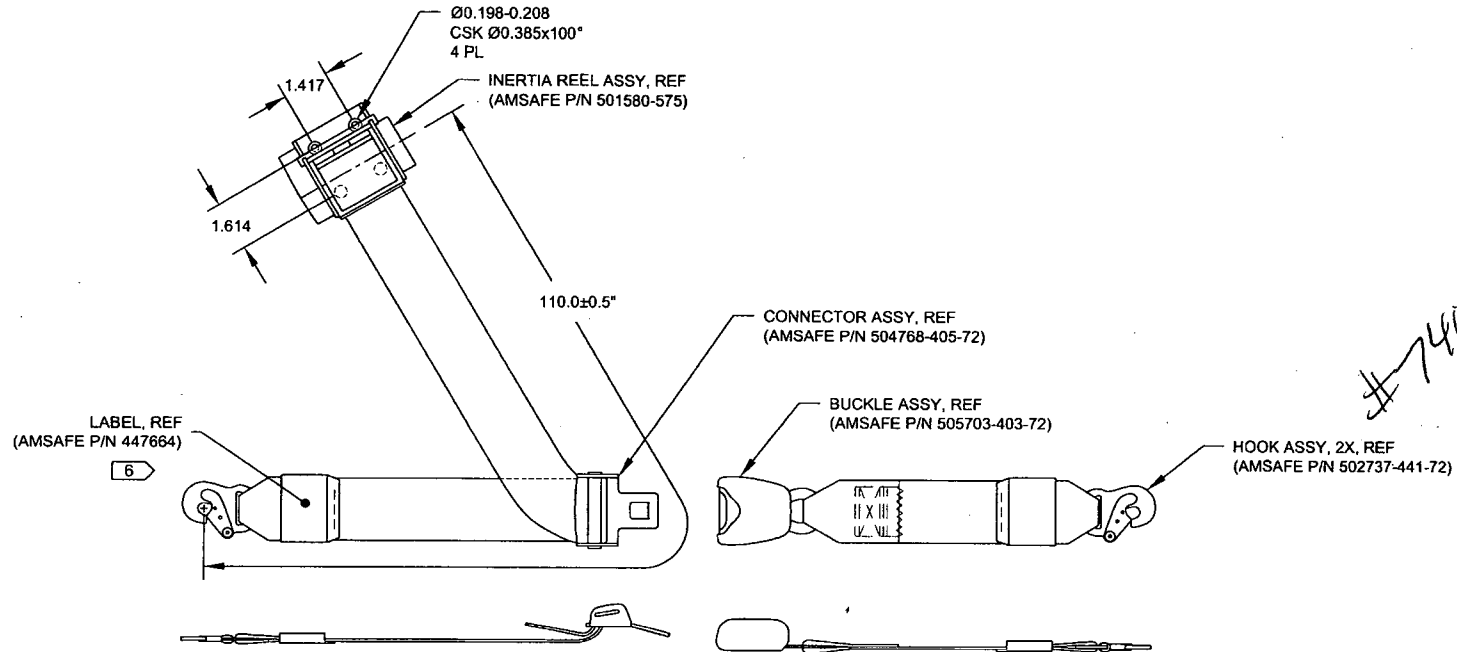
Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



# **SPECIFICATION CONTROL DRAWING**



## **D4088-043 SHOULDER HARNESS**

### **NOTES:**

- 1) PURCHASE: AMSAFE INC. P/N 3221-1-021-2396  
3-POINT SHOULDER HARNESS WITH PUSH-BUTTON BUCKLE  
MEETS REQUIREMENTS OF TSO-C114  
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: LABEL TO CONTAIN THE FOLLOWING AT MINIMUM:  
PART NO. 3221-1-021-2396  
CUST. P/N: D4088-043  
RATED: 3000 LBS DATE OF MFG  
CONFORMS TO TSO-C114
- 7) WEIGHT: 1.5 lbs

**RELEASED**  
2010-04-27  
ND

|            |          |   |              |
|------------|----------|---|--------------|
| DESIGN     | 99       | <b>DART AEROSPACE LTD</b>   |              |
| DRAWN      | 99       | HAWKESBURY, ONTARIO, CANADA   |              |
| CHECKED    |          | DRAWING NO.   | REV. A       |
| MFG. APPR. |          | D4088   | SHEET 2 OF 2 |
| APPROVED   |          | TITLE   | SCALE        |
| DE APPR.   |          | SHOULDER HARNESS  | NTS          |
| DATE       | 10.03.16 | <small>COPYRIGHT © 2010 BY DART AEROSPACE LTD<br/>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small> |              |

| W/O: |      | WORK ORDER CHANGES |    |      |     |                                     |                          |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE   | By | Date | Qty | Approval<br>Chief Eng /<br>Prod Mgr | Approval<br>QC Inspector |
|      |      |                    |    |      |     |                                     |                          |
|      |      |                    |    |      |     |                                     |                          |

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

| NCR: |      | WORK ORDER NON-CONFORMANCE (NCR) |                             |                                 |                |                           |                       |                          |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC<br>Section A   | Corrective Action Section B |                                 |                | Verification<br>Section C | Approval<br>Chief Eng | Approval<br>QC Inspector |
|      |      |                                  | Initial<br>Chief Eng        | Action Description<br>Chief Eng | Sign &<br>Date |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |
|      |      |                                  |                             |                                 |                |                           |                       |                          |

**NOTE:** Date & initial all entries



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO14975**

Purchase Order Date 9/21/2011

PO Print Date 9/21/2011

Page Number 1 of 1

**Order From :**

VU-AMS001

AMSAFE INC.  
LOCKBOX #5  
P.O BOX 53075  
PHOENIX, AZ 85072-3075  
US

**Contact Name**

**Vendor Phone** 602 850 2850

**Vendor Fax** 602 850 2812

**Vendor Account Nbr**

**Buyer**

Brigitte Golden

**Requisition Nbr**

**Tax Resale Nbr**

10127-2607

**Terms**

Net 30

**Currency**

USD

**FOB**

Destination-Collect

**Ship To :**

DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

| Line Nbr | Reference<br>Revision ID<br>Vendor Part Number | Description/<br>Mfg ID | Req Date/<br>Taxable | Req Qty/<br>Unit of Measure | Ship Method      | Unit Price | Extended<br>Price |
|----------|--|------------------------|----------------------|-----------------------------|------------------|------------|-------------------|
| 1        | 3221-1-021-2396                                | Shoulder Harness       | 9/30/2011<br>Yes     | 8.00<br>Each                | FedEx PI collect | \$242.5500 | \$1,940.40        |

**Special Inst:** As per DWG: D4088 Rev A  
B74090

**PO Total:** \$1,940.40

**Change Nbr:** 1

**Change Date:** 9/21/2011

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

**MSAFE****AMSAFE AVIATION**

1043 NORTH 47th AVENUE  
PHOENIX, AZ 85043  
PH (602)850-2850 FAX (602)850-2812

**SHIPPER/CERTIFICATION**

| CUSTOMER NO. | SALES ORDER NO. | BOL NO.   | DATE PRINTED | PAGE NO. |
|--------------|-----------------|-----------|--------------|----------|
| 10006113     | S218476         | 000246018 | 09/30/11     | 1        |

DART AEROSPACE  
1270 ABERDEEN STREET  
HAWKESBURY  
ONTARIO, CANADA K6A 1K7  
Canada

DART AEROSPACE LTD.  
1270 ABERDEEN ST  
HAWKSBURY,, ON K6A 1K7  
Canada

Ship to ID: 10006125

| CUSTOMER ORDER NO. | TERMS | FREIGHT | SHIP VIA          | F.O.B. |
|--------------------|-------|---------|-------------------|--------|
| PO14975            | NET30 | COLLECT | FedEx P1 10:30 AM | ORIGIN |

Order Remarks: 1517-9324-0  
Remarks:

SHIPMENT REFERENCE 000246018

| ITEM NUMBER /<br>DESCRIPTION                                  | DRAWING AND CERTIFICATIONS  | DUE DATE   | QTY<br>ORDERED   | QTY<br>SHIPPED | QTY BACK<br>ORDERED |
|---|---|------------|------------------|----------------|---------------------|
| Cust. Item No.: D4088-043<br>3221-1-021-2396<br>REST SYS ASSY | DRAWING: 3221<br>REV: A<br>CERT: TSO-C114<br>Lot/Serial Numbers Shipped Quantity<br>S218476-1 | 2011-10-06 | 8<br>Expire Ref. | 8              | 0                   |

8 m10/05

certify that the article(s) listed above conform to all applicable design data, and (as applicable):

1 PMA, FMVSS 209, FMVSS 302, 14 CFR 25.853

1 TSO C22f, C22g, C114 or TSO Plus

Conditions and tests required for TSO approval of the article(s) are minimum performance standards. It is the responsibility of those installing the article(s) either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the standards applicable to the TSO article including (when applicable) the integrated non-TSO function. The non-TSO function is described as seat belt airbag system including the inflator cable assembly and electrical components that have not been evaluated for functionality or installation requirements. TSO articles including the integrated TSO function must have separate approval for installation in an aircraft. The article(s) may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements. Aircraft shipped meets all material, processing and test requirements. Certifications/Test reports as applicable are retained on file at AmSafe Aviation.

Safe Authorized Signature: X Irma Serna

Printed Name: \_\_\_\_\_

Dated: SEP 30 2011

COUNTRY OF ORIGIN USA

|   |                 |  |                   |  |                          |  |  |
|---|-----------------|--|-------------------|--|--------------------------|--|--|
| 1. Approving National Aviation Authority/Country:<br><br>FAA/United States  |                 | 2. <b>AUTHORIZED RELEASE CERTIFICATE</b><br><b>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</b> |                   |  |                          | 3. Form Tracking Number:<br><br>5218476-1-NW                                   |  |
| 4. Organization Name and Address:<br><b>AmSafe Aviation</b><br>1043 North 47th Avenue<br>Phoenix, Arizona 85043   |                 |  |                   | Cert. No. <b>PT1967NM</b>  |                          | 5. Work order/Contract/Invoice Number:<br><b>S218476 - 1</b><br>PAGES ATTACHED |  |
| 6. Item:  | 7. Description: | 8. Part Number:  | 9. Eligibility: * | 10. Quantity:  | 11. Serial/Batch Number: | 12. Status/Work:   |  |
| 1   | REST SYS ASSY   | 3221-1-021-2396  | N/A               | 8  | A0911                    | NEW  |  |
| 13. Remarks: Drawing: 3221<br>Rev: A<br>TSO: TSO-C114   |                 |  |                   |  |                          |  |  |
| EXPORT AIRWORTHINESS APPROVAL: THIS ARTICLE MEETS THE SPECIAL REQUIREMENTS OF CANADA  |                 |  |                   |  |                          |  |  |
| 14. Certifies the items identified above were manufactured in conformity to:<br><br><input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation<br><br><input type="checkbox"/> Non-approved design data specified in Block 13.  |                 |  |                   | 19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13<br><br>Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. |                          |  |  |
| 15. Authorized Signature:<br>  |                 | 16. Approval/Authorization No.:<br><b>ODA602112NM</b>  |                   | 20. Authorized Signature   |                          | 21. Authorized/Certificate No.   |  |
| 17. Name (typed or printed)<br><b>Nancy Williamson</b>  |                 | 18. Date (m/d/y):<br><b>SEP/30/2011</b>  |                   | 22. Names (typed or printed)   |                          | 23. Date (m/d/y):  |  |
| <b>User/Installer Responsibilities</b>  |                 |  |                   |  |                          |  |  |
| <p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.</p> <p>Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.</p> |                 |  |                   |  |                          |  |  |